29	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flangecompression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications	Rmt	65.00	785.46	5102	0.00	0.00	63.9	785.46	50190.89	63.90	50190.89
30	Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests,100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I I M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	No	6.00	4561.92	27371.52	0.00	0.00	6	4561.92	27371.52	6.00	27371.52
31	Providing and fixing white vitreous china clay, **water closet European type (Pedestal type, P-trap) with black solid plastic seat** and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	No	6.00	5352.48	32114.88	0.00	0.00	6	5352.48	32114.88	6.00	32114.88
32	Providing and fixing white vitreous china clay flat back **wash basin size 630x450mm with a** single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications	No	6.00	3400.92	20405.52	0.00	0.00	6	3400.92	20405.52	6.00	20405.52
33	Providing and fixing white vitreaus **china clay, flat back, lipped front urinal basin of 430x260x350mm** with 5 litre PVC automatic flushing cistren, C.I./M.S bracket, standard flush pipe and c.P. brass spreaders with brass union and G.I.Clamp Complete painting of fitting and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specification	No	6.00	3317.76	19906.56	0.00	0.00	6	3317.76	19906.56	6.00	19906.56
34	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x45 cms 6mm thick with border of size 30 x 10 cms.	Sqm	131.09	1764.62	231324.04	0.00	0.00	131.09	1764.62	231324.04	131.09	231324.04
5	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. Ceramic tiles 30x30 cm	Sqm	15.12	1309.28	19796.31	0.00	0.00	15.12	1309.28	19796.31	15.12	19796.31
	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	Each	24.00	162.00	3888.00	0.00	0.00	24	162.00	3888.00	24.00	3888.00

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37	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms	Each	12.00	270.00	3240.00	0.00	0.00	12	270.00	3240.00	12.00	3240.00
38	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes	Rmt	60.00	316.44	18986.40	0.00	0.00	59.4	316.44	18796.54	59.40	18796.54
39	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 32mm nominal OD pipes	Rmt	25.00	403.92	10098.00	0.00	0.00	25	403.92	10098.00	25.00	10098.00
40	Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications.	Each	35.00	205.20	7182.00	0.00	0.00	35	205.20	7182.00	35.00	7182.00
41	**providing and fixing in position brass gate valve** with C.I. Wheel of approved quality (Screwed end) 20mm nominal bore including cost of all materials labour and HOM of Equipments with all lead complete as per specificatins	Each	22.00	362.88	7983.36	0.00	0.00	22	362.88	7983.36	22.00	7983.36
42	Providing and fixing stainless steel kitchen sink of bowl depth 178mm, with drain board, M.S / C.I brackets, stainless steel plug 40 mm, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. size 510 x 1040 mm	No	4.00	15394.32	61577.28	0.00	0.00	4	15394.32	61577.28	4.00	61577.28
43	Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications.15 mm dia	No	6.00	152.28	913.68	0.00	0.00	6	152.28	913.68	6.00	913.68
44	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. - for 32mm dia	Each	4.00	129.60	518.40	0.00	0.00	4	129.60	518.40	4.00	518.40

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45	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm	No	10.00	9169.20	91692.00	0.00	0.00	10	9169.20	91692.00	10.00	91692.00
46	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity)	No	2.00	7374.24	14748.48	0.00	0.00	2	7374.24	14748.48	2.00	14748.48
47	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with primer	Sqm	1094.93	97.20	106427.20	0.00	0.00	1094.26	97.20	106362.07	1094.26	106362.07
48	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications with primer	Sqm	705.58	110.16	77726.69	0.00	0.00	705.58	110.16	77726.69	705.58	77726.69
49	**Applying priming coat over new wood surface** and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios	Sqm	55.28	54.00	2985.12	0.00	0.00	55.28	54.00	2985.12	55.28	2985.12
50	**Providing and applying painting two coats (excluding priming coat)** on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications	Sqm	55.28	104.76	5791.13	0.00	0.00	55.28	104.76	5791.13	55.28	5791.13
51	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications	Sqm	32.40	44.28	1434.67	0.00	0.00	32.4	44.28	1434.67	32.40	1434.67

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52	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	32.40	102.60	3324.24	0.00	0.00	32.40	102.60	3324.24	32.40	3324.24
53	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	Rmt	54.00	642.60	34700.40	0.00	0.00	54.00	642.60	34700.40	54.00	34700.40
54	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the	Sqm	17.44	12475.03	217564.52	0.00	0.00	17.44	12475.03	217564.52	17.44	217564.52
55	Rectangalur shape mirror of size 1500x450mm with plastic moulded frame	No	10.00	1006.56	10065.60	0.00	0.00	10.00	1006.56	10065.60	10.00	10065.60
56	Providing and fixing self-supported, ribbed, high quality, high grade (D:350 MPAYst Min), pre- painted Galvalume steel roof sheet, coated with bare Galvalume coating AZ 150, @150 gms/Smtr 55%AL,45%Zn) by hot dip process , of total coated thickness as specified for different spans with a tolerance of+/- 0.02 mm, according to technical specification confirming to A 792, with NCCA11-1, or ECCAT4 Pencil hardness HB, NCCA standard T-Bend test. The roof should be fastened to the gutter beam, on the external sloping side, at an interval of 51mm Centre to Centre, to a depth of 65 mm with GI anchor bolts and neoprene washers & subjecting the gutter beam to Schmidt, Hammer test to ensure the anchorage of the anchor bolts. The self-supported roofing system should be designed to with stand the wind loacl (As per IS 875 part-3) & Earthquake load (as per IS 1893) & the design should also comply with any other technical requirements such as turbo ventilators of 0.60 mts. dia and skylights of size 4.26 x 0.60 mts. fixed one in each row @ 10.00 Mtr C/C along the length & hangers for electrical fixtures as per the requirements including cost of all materials &labour for erection, all lead and lift, loading and unloading, HOM of	Sqm	123.00	1684.80	207230.40	107.35	180863.28	15.54	1684.80	26181.79	122.89	207045.07

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57	Fabrication supplying and erecting M.S. tubular trusses of all spans as quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification		1230	119.88	147452.40	1230.43	147503.95	0.00	119.88	**0.00**	1230.43	**147503.95**
58	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of and electrical charges, etc., complete as per specifications.	Sqm	17.00	6502.68	110545.56	0.00	0.00	16.91	6502.68	**109960.32**	16.91	**109960.32**
59	Manufacturing, supplying and fixing wooden ward robe of 0.60m deep using 19mm thick vinyl bonded water proof block board, shutters allround ward robe, lockable drawers with sliding channels, cupboard drapery hangers, curtain rods with end brackets, openable shutters with 19mm x 6mm thick plain teak wood beading, lipping 1.5mm thick commercial ply vertical support finished in approved 1 mm lamination sheet of approved colour, shade and quality on all exposed surfaces. Inner surface painted with 2 coats of white synthetic enamel paint over 2 coats of Patti, one coat of wood primer, including cost of brass fittings, parliamentary hinges, C handies, tower bolts, magnetic catches, approved brand lock, adhesives, synthetic resins, nails, screws etc., complete including cost of all materials, labour charges, complete as per specification	Sqm	15.75	11612.16	182891.52	0.00	0.00	15.75	11612.16	**182891.52**	15.75	**182891.52**
60	Providing and laying in position to required level or slope 230mm internal diameter salt glazed stone ware pipe grade A and joiting with stiff mixture of cement mortar in 1:1 testing of pipes and joiting, including cost of materials, labour chargea complete as per specification	Rmt	55.00	568.16	31248.80	0.00	0.00	55.00	568.16	**31248.80**	55.00	**31248.80**
					6078206.35		3228749.39			Add 12% Gst	2847815.66	6076565.05
										add 4% KRIDL	341737.88	729187.81
										Total Rs	113912.63	243062.60
											3303466.17	**7048815.46**

Thirty Seven lakhs forty Five Thousand Three Hundred Forty Seven An

Certificate:

Certified that the contractor has work done satisfactorily.

Certified that the contractor has removed the debries from work site.

Certified that there is no departmental issues made by Contractor .

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